

ANNUAL REPORT

OF THE

Medical Officer of Health

OF THE

ST. ALBANS

RURAL DISTRICT COUNCIL

FOR THE YEAR 1908,

BY

HENRY E. MAY,

M.A., M.B., B.C., CANTAB.,

MEDICAL OFFICER OF HEALTH,

Etc., Etc.

ST. ALBANS:

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To the Chairman and Members of the St. Albans Rural District Council.

GENTLEMEN,

I have the honour to present to you my report for the past year, as Medical Officer of Health for the District over which you preside.

I.—AREA AND POPULATION.

The total area of the District comprises 37,981 acres, having a population, according to the census of 1901, of 12,264 persons, and estimated up to the end of 1908 as 14,099 persons, distributed amongst seven “parishes” or “localities,” as indicated in the following tables.

For the purposes of this report, the population of each “locality” is estimated by deducting the deaths from the births during the year 1908, and adding the difference to the estimated population for the year 1907.

The average number of persons per acre is $\cdot 37$.

The number of inhabited houses in the District is 3,684, which, with a population of 14,099, gives the average number of persons per house as 3 \cdot 8.

In the year 1907 the number of inhabited houses in the District was 3,601.

The natural increase during the year has been 235 births over deaths, as shown in the following table :—

Excess of Births over Deaths in 1908.

District.	Births.	Deaths.	Excess of Births.
Harpenden Rural ...	7	6	1
Redbourn ...	41	31	10
St. Michaels Rural...	16	4	12
St. Peters Rural ...	182	66	116
St. Stephens ...	43	22	11
Sandridge Rural ...	64	26	38
Wheathampstead ...	70	33	37
	<hr/> 423	<hr/> 188	<hr/> 235

In the year 1907 the excess of births over deaths was 262.

II.—VITAL STATISTICS.

The total number of Births registered in the District during the year was 423, composed of 215 males and 208 females. This gives a birth rate of 30·07 per 1000 population.

The Birth rate for the year 1907 was 29·75.

The number of Deaths registered in the District during the year was 310.

Ninety-eight of these deaths took place in the Middlesex County Asylum and 45 at the Hertfordshire County Asylum, making a total of 143. With the exception of three all of these deaths were of non-residents, and must therefore be deducted in order to determine the true death rate. Eighteen residents were registered as having died outside the District, 15 of which took place at the Workhouse, and 3 at the Hospital.

Deducting, therefore, the 140 and adding the 18, we get the total number of deaths belonging to the District as 188.

This gives the true Death rate for the District as 13·3.

The Death rate in this District for the year 1907 was 10·7.

The number of Deaths of infants under one year of age was 43, which gives a Death Rate of 85·15 per 1000 births registered.

The Death rate for the year 1907 was 85·1.

Localities.	Area in Acres.	Popu- lation.	Persons per Acre.	No. of In- habited Houses	Av'rage No. of Persons per House	Births.		Rate per 1000 Pop.	Deaths of Resi- dents.	Rate per 1000 Pop.
						M.	F.			
Harpenden Rural...	3453	369	·1	78	4·7	3	4	18·9	6	16·26
Redbourn	4260	2076	·48	513	4·04	21	20	19·7	31	14·9
St. Michaels Rural.	6079	842	·13	182	4·6	10	6	19·0	4	4·75
St. Peters Rural ...	5976	4554	·77	1338	3·4	77	105	39·9	66	12·29
St. Stephens ...	7438	1926	·25	447	4·3	21	22	22·3	22	11·41
Sandridge Rural ...	5635	1665	·29	442	3·7	40	24	38·4	26	15·6
Wheathampstead...	5140	2667	·51	684	3·9	43	27	26·2	33	12·37
						215	208			
Totals	37981	14099	·37	3684	3·8	423		30·07	188	13·3

III.—INFECTIOUS DISEASES.

Under the Infectious Diseases Notification Act, 77 cases of Infectious Diseases have been notified to me as follows:—

29 Scarlet Fever (26 of which were removed to the Sisters' Hospital).

4 Erysipelas.

39 Diphtheria.

5 Enteric Fever (three of which were in Middlesex County Asylum).

There were no cases of Small-pox.

The appended tables show the number of cases of each particular disease notified in the whole District, together with the ages at which it occurred. Also the total number notified in each locality, and the number of cases removed to the Sisters' Hospital.

The number of houses disinfected was 62, distributed as follows :

Harpenden Rural	...	...	...	0
Redbourn	...	...	...	12
St. Michaels	...	...	...	3
St. Peters Rural...	...	...	...	25
St. Stephens	...	...	...	8
Sandridge	...	...	...	13
Wheathampstead	...	...	...	1
				—
				62
				—

Infectious Diseases during 1908, showing Disease, also place and month of incidence.

SCARLET FEVER.

Parishes.	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November	December	Total.
Harpenden Rural	..	..	..	..	..	..	..	..	..	..	..	..	0
Redbourn	1	..	..	..	..	..	..	..	..	..	..	..	1
St. Michaels Rural	..	1	..	1	..	..	..	..	..	..	..	..	2
St. Peters Rural..	4	1	..	1	..	..	..	1	..	4	..	1	12
St. Stephens .....	..	..	..	..	1	..	..	..	..	..	..	..	1
Sandridge	6	1	..	1	4	..	..	..	..	..	..	..	12
Wheathampstead	..	..	..	..	..	..	..	..	1	..	..	..	1
Totals.....	11	3	0	3	5	0	0	1	1	4	0	1	29

DIPHTHERIA.

Parishes.	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.	Total.
Harpenden Rural	::	::	::	::	::	::	::	::	::	::	::	::	::
Redbourn	::	::	::	1	1	::	2	::	::	2	8	1	15
St. Michaels Rural	::	::	::	::	::	::	::	::	::	::	::	::	0
St. Peters Rural..	1	4	::	::	1	::	1	1	::	2	3	3	16
St. Stephens	1	::	::	::	::	::	::	::	::	::	6	1	8
Sandridge	::	::	::	::	::	::	::	::	::	::	::	::	0
Wheathampstead	::	::	::	::	::	::	::	::	::	::	::	::	0
Totals.....	2	4	0	1	2	0	3	1	0	4	17	5	39

ERYSIPELAS.

Parishes.	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.	Total.
Harpenden Rural	::	::	::	::	::	::	::	::	::	::	::	::	0
Redbourn	::	::	::	::	::	::	::	::	::	::	::	::	0
St. Michaels Rural	::	::	::	::	::	::	::	::	::	::	::	::	0
St. Peters Rural..	1	::	::	::	1	::	::	::	::	::	::	::	2
St. Stephens	::	::	::	::	::	::	::	::	::	::	1	::	1
Sandridge	::	::	::	::	::	::	::	::	::	::	::	::	0
Wheathampstead	::	::	::	::	1	::	::	::	::	::	::	::	1
Totals.....	1	0	0	0	2	0	0	0	0	0	1	0	4

ENTERIC FEVER.

Parishes.	January.	February.	March.	April.	May.	June.	July.	August.	September	October.	November.	December.	Total.
Harpenden Rural	::	::	::	::	::	::	::	::	::	::	::	::	0
Redbourn	::	::	::	::	::	::	::	::	::	::	::	::	0
St. Michaels Rural	::	::	::	::	::	::	::	::	::	::	::	::	0
St. Peters Rural..	::	::	::	::	::	::	::	3	::	::	::	2	5
St. Stephens	::	::	::	::	::	::	::	::	::	::	::	::	0
Sandridge	::	::	::	::	::	::	::	::	::	::	::	::	0
Wheathampstead	::	::	::	::	::	::	::	::	::	::	::	::	0
Totals.....	0	0	0	0	0	0	0	3	0	0	0	2	5

Passing on to a detailed statement as to each locality, I have to report as follows :—

HARPENDEN RURAL.

Area in acres, 3453. Population, 369. Average number of persons per acre, $\cdot 1$. Number of inhabited houses, 78. Average number of persons per house, 4 \cdot 7. Births, m. 3, f. 4, total 7. Deaths, 6, giving rate per 1000 population of 18 \cdot 9 for the former, and 16 \cdot 26 for the latter. Deaths under 1 year of age, 0.

No cases of Infectious Diseases were notified to me during the year.

The number of cowsheds and dairies registered is 0.

REDBOURN.

Area in acres, 4260. Population, 2076. Average number of persons per acre, $\cdot 48$. Number of inhabited houses, 513. Average number of persons per house, 4 \cdot 04. Births, m. 21, f. 20, total 41. Deaths, 31, giving rate per 1000 population of 19 \cdot 7 for the former and 14 \cdot 9 for the latter. Death under 1 year of age, 5.

Seventeen cases of Infectious Diseases were notified to me during the year : 1 Scarlet Fever, and 16 Diphtheria.

The number of dairies and cowsheds registered is 6.

ST. MICHAELS RURAL.

Area in acres, 6079. Population, 842. Average number of persons per acre, $\cdot 13$. Number of inhabited houses, 182. Average number of persons per house, 4 \cdot 6. Births, m. 10, f. 6, total 16. Deaths, 4, giving rate per 1000 population of 19 \cdot 0 for the former and 4 \cdot 75 for the latter. Deaths under 1 year of age, 2.

Three cases of Scarlet Fever were notified to me during the year.

The number of dairies and cowsheds registered is 5.

ST. PETERS RURAL.

Area in acres, 5976. Population, 4554. Average number of persons per acre .77. Number of inhabited houses, 1338. Average number of persons per house, 3.4. Births, m. 77, f. 105, total 182. Deaths, 66, giving rate per 1000 population of 39.9 for the former and 12.29 for the latter. Deaths under 1 year of age, 19.

Thirty cases of Infectious Diseases were notified to me during the year: 13 Diphtheria, 2 Erysipelas, 10 Scarlet Fever, and 5 Enteric Fever.

The number of dairies and cowsheds registered is 11.

Camp Ward.

The Council are still continuing their policy of sewerage and making up private streets under the "The Private Streets Works Act, 1892," which is resulting in a great improvement in the district.

Arrangements have been made by the Council for the House Refuse from this district to be taken to the Refuse Destructor provided by the Electric Supply Company, St. Albans.

ST. STEPHENS.

Area in acres, 7438. Population, 1926. Average number of persons per acre, .25. Number of inhabited houses, 447. Average number of persons per house, 4.3. Births, m. 21, f. 22, total 43. Deaths, 22, giving rate per 1000 population of 22.3 for the former and 11.41 for the latter. Deaths under 1 year of age, 5.

Ten cases of Infectious Diseases were notified to me during the year: 8 Diphtheria, 1 Erysipelas, and 1 Scarlet Fever.

The number of dairies and cowsheds registered is 10.

SANDRIDGE RURAL.

Area in acres, 5635. Population, 1665. Average number of persons per acre, .29. Number of inhabited houses, 442. Average number of persons per house, 3.7. Births, m. 40, f. 24, total 64. Deaths, 26, giving rate per 1000 population of 38.4 for the former and 15.6 for the latter. Deaths under 1 year of age, 8.

Fifteen cases of Infectious Diseases were notified to me during the year: 2 Diphtheria, and 13 Scarlet Fever.

The number of dairies and cowsheds registered is 4.

WHEATHAMPSTEAD.

Area in acres, 5140. Population, 2667. Average number of persons per acre, .5. Number of inhabited houses, 684. Average number of persons per house, 3.9. Births, m. 43, f. 27, total 70. Deaths, 33, giving rate per 1000 population of 26.2 for the former and 12.37 for the latter. Deaths under 1 year of age, 4.

Two cases of Infectious Diseases were notified to me during the year: 1 Erysipelas, and 1 Scarlet Fever.

The number of dairies and cowsheds registered is 9.

PREVENTIVE MEASURES.

The Sisters' Hospital, which we share with the Urban Authorities of St. Albans and Harpenden, has provided ample accommodation for all the Scarlet Fever cases.

With regard to Isolation Accommodation for Small Pox, Diphtheria, and Typhoid Fever, I regret to say that I cannot do otherwise than report in the same words as I did last year, which is as follows:—

“We are still without any accommodation for Small Pox, Diphtheria, or Typhoid Fever.”

“The plans for a Typhoid and Diphtheria Hospital, to be erected on the site adjoining the Sisters’ Hospital, have been prepared and approved, but as yet no building has been commenced. Every year cases of Diphtheria are brought to my notice which urgently need the isolation and treatment which, owing to their circumstances, only a Hospital can provide; I hope, therefore, you will push on this building with as little delay as possible.”

“The Plans for a Small Pox Hospital are in course of preparation.”

The Council has this year adopted Part IV. of The Public Health Acts Amendment Act, 1907. This gives the Council power to provide and pay for a nurse for infectious cases where considered necessary.

Arrangements have also been made by this Council for swabs of doubtful cases of Diphtheria (in suitable cases) to be examined at the Clinical Research Association, at the expense of this Council.

The permission of the Local Government Board is being petitioned to pay for antitoxin in such cases as are approved by myself.

GENERAL SANITATION.

The number of cowsheds on register in the year 1908 is 45, distributed as follows:—

Harpenden Rural	...	...	...	0
Redbourn	...	...	...	6
St. Michaels Rural	...	...	...	5
St. Peters Rural	...	...	...	11
St. Stephens	...	...	...	10
Sandridge	...	...	...	4
Wheathampstead	...	...	...	9
				—
				45

These are all regularly inspected, both by the Veterinary Inspector and Sanitary Inspector, and at times by myself.

Appended are the reports of the Veterinary Inspector and Inspector of Nuisances.

The following Bye-laws, Regulations, and Adoptive Acts are in force in this district :—

1. New Streets and Buildings.
2. Slaughter Houses.
3. Dairies, Cowsheds and Milkshops.
4. Nuisances, Offensive Trades, &c.
5. Infectious Disease Prevention Act, 1890.
6. Public Health Acts Amendment Act, 1907 (Part IV.)

Amended Bye-laws relative to New Street and Buildings have recently been prepared and will shortly come into force.

There are no common lodging houses in the district.

Systematic collection of house refuse is undertaken by the Council in the Camp Ward of St. Peter's Rural, in Sandridge New Town, and in Redbourn.

FACTORIES AND WORKSHOPS.

There are 95 Factories and Workshops registered in the district. Of these, 24 are Factories and 71 are Workshops, distributed in the different parishes or localities as follows:—

	Factories.	Workshops.	Totals.
Harpenden Rural ...	0	0	0
Redbourn ...	6	19	25
St. Michaels Rural ...	0	2	2
St. Peters Rural ...	6	19	24
St. Stephens ...	4	12	17
Sandridge ...	3	2	5
Wheathampstead ...	5	17	21
	<hr/> 24	<hr/> 71	<hr/> 95

Table showing number and nature of employment of
Factories and Workshops in each locality.

		Harpden Rural.	Redbourn.	St. Michaels Rural.	St. Peters Rural.	St. Stephens	Sandridge.	Wheathamp- stead.	Totals.		Factories.	Workshops.
Bakers...	5	...	5	2	2	7	21		0	21
Brush Makers	1	...	...	...	...	1	2		1	1
Silk Works	1	...	...	...	...	...	1		1	0
Fellmongers	1	...	...	...	...	...	1		0	1
Jam Makers	1	...	...	...	...	...	1		1	0
Saddlers	1	...	...	...	...	2	3		0	3
Tailors	1	...	1	1	...	2	5		1	4
Straw Hat Makers	1	...	...	...	...	1	2		1	1
Laundries	1	...	5	2	...	...	8		0	8
Dressmakers	4	...	...	2	...	...	6		0	6
Builders	1	1	3	1	...	3	9		0	9
Flour Mills	2	...	...	4	...	2	8		8	0
Plumbers	1	...	1	...	...	1	3		0	3
Carpenters	2	1	2	3	...	1	9		0	9
India Rubber Works.	1	...	...	1	2		2	0
Printers	3	...	...	...	3		2	1
Cycle Works...	1	...	...	...	1		0	1
Brick Kilns	2	...	1	...	3		3	0
Farriers	1	...	...	1	1	1	4		1	3
Chandlers	1	...	1		1	0
Gas Works	1	...	...	...	...	...	1		1	0
Electric Works	1	...	...	...	1		1	0
Totals	0	25	2	25	16	5	22	95	24	71

N.B.— Under the heading of Carpenters are included Cabinet Makers, Upholsterers, Undertakers, Wheelwrights and Coachbuilders.

There is no overcrowding in any Workshop in the District, nearly all provide 500 c. f. air space, and many provide much more.

There are no wholesale Bakehouses in the District.

Under the Factories and Workshops Act, 1901, no underground Bakehouse must be used after January 1st, 1904, without written permission of the Sanitary Authorities.

There is only one such underground Bakehouse in the District, which is in Wheathampstead Parish, and this has received the necessary permission of this Council.

All limewashed Bakehouses have been re-limewashed twice during the year, and all are in a satisfactory condition.

There are 5 Factories and Workshops in this District which employ more than 40 persons.

They are situated as follows :—

St. Peters, 3 Factories.

Sandridge, 1 Factory.

Redbourn, 1 Factory.

Redbourn, 1 Workshop.

These all have adequate means of escape from fire.

There are no outworkers of the specified classes in this District.

My thanks are due to the Inspector and other officers of this Council for their valuable assistance, and to you gentlemen for the very courteous way in which you have always treated me.

I am,

Your obedient Servant,

HENRY E. MAY,

M.A., M.B., B.C., CANTAB.,

Medical Officer of Health.

VETERINARY INSPECTOR'S REPORT.

*To the Chairman and Members of the St. Albans Rural
District Council.*

GENTLEMEN,

I have much pleasure in presenting you my report for the past twelve months on the cows and cowsheds in your district. Up to the end of the year 1908 there were 45 cowsheds on the register, containing approximately 583 cows as shown in the following table. The milk from these dairies is mainly supplied locally, but in a few instances is sent to London, as is also indicated in the table.

All these have been regularly visited, and defects, where necessary, pointed out to the owners and remedied.

I have no fault to find with the cowsheds which are well kept, and have satisfactory drainage and ample air space.

Generally speaking, the cows are well-groomed and cleaned, but in a few instances I have had to complain that the teats and udders of the cows are not sufficiently washed before milking, and I have warned the owners that if I have cause to complain again I shall bring the matter before your notice and mention names.

	Number of Cowsheds.	Approximate No. of Cows.	Destination of Milk from these Dairies.
Harpenden Rural...	0	0	
Redbourn ...	6	27	Redbourn
St. Michaels Rural	5	206	St. Albans, Harpenden, London
St. Peters Rural ...	11	111	St. Albans, London Colney, Colney Heath, Smallford, London
St. Stephens ..	10	113	St. Albans, Park Street, Colney Street, Watford
Sandridge Rural ...	4	70	Sandridge, St. Albans, London
Wheathampstead ...	9	56	Wheathampstead, Harpenden
Total ...	45	583	

During the year I have found six cows suffering from general tuberculosis.. These, in all cases, have been killed and the carcase destroyed as unfit for food. I have also found 4 cows suffering from tuberculosis of the udder, and in each case the milk from these cows has not again been used for human consumption.

I am,

Your obedient Servant,

H. F. REYNOLDS,

M.R.C.V.S.,

*Veterinary Inspector to the St. Albans
Rural District Council.*

TABLE I.—Vital Statistics of Whole District during 1908 and previous Years.

YEAR.	BIRTHS.		TOTAL DEATHS REGISTERED IN THE DISTRICT.				TOTAL DEATHS IN PUBLIC INSTITUTIONS IN THE DISTRICT.		Deaths of Non-residents registered in Public Institutions in the District.		Deaths of Residents registered in Public Institutions beyond the District.		NETT DEATHS AT ALL AGES BELONGING TO THE DISTRICT.	
	Number. RATE.*		Under 1 Year of Age.		At all Ages.		Rate per 1000 Births Registered.	Number.	Rate.*	10	11	Number.	Rate*	
			Number	Rate	Number.	Rate.*								
1	2	3	4	5	6	7	8	9	10	11	12	13		
1898	11840	275	23.2	29	90.3	139	11.5	0	0	0	139	11.5		
1899	12035	306	25.4	25	81.7	111	9.22	0	0	0	111	9.22		
1900	12122	259	21.3	34	131.27	172	14.1	9	8	21	185	15.2		
1901	12264	344	32.7	35	101.6	180	14.6	32	32	0	146	11.08		
1902	12721	309	24.2	33	106.8	169	13.28	34	31	15	153	12.02		
1903	12973	379	29.2	31	81.7	168	12.9	41	41	14	141	10.8		
1904	13190	381	28.88	38	99.73	199	15.08	35	35	11	175	13.2		
1905	13383	378	28.2	39	103.1	233	16.61	63	59	11	185	13.8		
1906	13603	423	31.09	56	132.38	339	24.8	165	163	26	202	14.2		
1907	13865	411	29.75	35	85.1	291	20.98	167	163	21	149	10.7		
Averages for years 1898—1907	12799	346	27.03	35	101.12	200	15.62	54.6	53.2	11.9	158	12.34		
1908	14099	423	30.07	43	85.15	310	22.05	143	140	18	188	13.3		

* Rates in Columns 4, 8 and 13 calculated per 1,000 of estimated population.

NOTE.—The deaths to be included in Column 7 of this Table are the whole of those registered during the year as having actually occurred within the district or division. The deaths to be included in Column 12 are the number in Column 7, corrected by the subtraction of the number in Column 10 and the addition of the number in Column 11.

By the term “ Non-residents ” is meant persons brought into the district on account of sickness or infirmity, and dying in public institutions there; and by the term “ Residents ” is meant persons who have been taken out of the district on account of sickness or infirmity, and have died in public institutions elsewhere.

The “ Public Institutions ” to be taken into account for the purposes of these Tables are those into which persons are habitually received on account of sickness or infirmity, such as hospitals, workhouses and lunatic asylums. A list of the Institutions in respect of the deaths in which corrections have been made should be given on the back of this Table.

Area of District in acres

(exclusive of area covered by water)

37,981

Total population at all ages

Number of inhabited houses

Average number of persons per house

- 12,264

- 2,827

4.3

N.B.—In 1898 Harpenden Urban, having an area of 3618 acres, and with a population of about 4000, became a separate district.

I Institutions within the District receiving sick and infirm persons from outside the District.	II Institutions outside the District receiving sick and infirm persons from the District.	III. Other Institutions, the deaths in which have been distributed among the several localities in the District.
Hertfordshire County Asylum. Middlesex County Asylum.	St. Albans and Mid Herts Hospital. St. Albans Union Infirmary. Sisters' Hospital for Scarlet Fever.	

Is the Union Workhouse within the District? No.

TABLE II.—Vital Statistics of Separate Localities.

	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.	Population estimated to middle of each year.	Births registered.	Deaths at all ages.	Deaths under 1 year.
1899.					1904.			
	a.	b	c	d	a	b	c	d
Harpenden Rural...	385	8	1	1	357	6	3	1
Redbourn ...	2030	53	23	6	2001	47	39	9
St. Michaels Rural	945	19	9	3	816	10	8	0
St. Peters Rural ...	2930	77	25	5	4119	153	51	13
St. Stephens ...	2120	45	12	1	1841	36	23	2
Sandridge Rural ...	1195	34	12	4	1528	57	19	5
Wheathampstead ...	2430	70	29	5	2528	72	32	8
1900.					1905.			
Harpenden Rural ...	390	4	3	1	365	8	0	0
Redbourn ...	2035	46	39	11	2024	53	30	6
St. Michaels Rural	950	11	5	1	818	14	12	3
St. Peters Rural ...	2954	88	41	10	4210	152	61	17
St. Stephens ...	2138	23	29	0	1849	35	27	4
Sandridge Rural ...	1210	25	12	2	1560	55	23	3
Wheathampstead ...	2445	52	43	9	2557	61	32	6
1901.					1906.			
Harpenden Rural ...	342	10	3	0	368	5	2	1
Redbourn ...	1932	40	28	10	2044	57	37	6
St. Michaels Rural	764	16	9	2	830	17	5	0
St. Peters Rural ...	3548	115	34	8	4311	162	60	22
St. Stephens ...	1783	41	17	1	1876	50	23	4
Sandridge Rural ...	1440	48	19	5	1596	58	22	7
Wheathampstead ...	2405	65	36	9	2578	74	53	16
1902.					1907.			
Harpenden Rural ...	351	10	1	0	368	3	3	0
Redbourn ...	1964	51	23	5	2066	49	27	5
St. Michaels Rural	805	17	6	1	830	12	12	1
St. Peters Rural ...	3914	96	51	16	4438	176	49	13
St. Stephens ...	1798	39	24	4	1905	45	16	2
Sandridge Rural ...	1454	36	22	5	1627	44	13	6
Wheathampstead ...	2439	60	26	2	2630	81	29	8
1903.					1908.			
Harpenden Rural ...	354	7	4	0	369	7	6	0
Redbourn ...	1990	52	24	7	2076	41	31	5
St. Michaels Rural	813	18	10	2	842	16	4	2
St. Peters Rural ...	4017	136	35	10	4554	182	66	19
St. Stephens ...	1825	46	20	1	1926	43	22	5
Sandridge Rural ..	1489	49	15	4	1665	64	26	8
Wheathampstead ...	2485	71	33	7	2667	70	33	4

TABLE III.—Cases of Infectious Disease notified during the Year 1908.

NOTIFIABLE DISEASES.	Cases notified in whole District.						Total Cases notified in each Locality.							No. of Cases removed to Hospital from each Locality.							
	At all ages.	At ages—Years.					Harpenden Rural.	Redbourn.	St. Michaels Rural.	St. Peters Rural.	St. Stephens Rural.	Sandridge Rural.	Wheatthampstead.	Harpenden Rural.	Redbourn.	St. Michaels Rural.	St. Peters Rural.	St. Stephens Rural.	Sandridge Rural.	Wheatthampstead.	Total cases removed to Hospital
		Under 1.	1 to 5.	5 to 15.	15 to 25.	25 to 65.																65 and upwards.
Small Pox ..	..	..	7	22	7	..	..	16	..	..	13	8	2	..	..	..	..	..	..	..	..
Cholera ..	..	..	..	..	..	..	..	..	..	..	2	1	..	..	..	..	..	..	..	..	..
Diphtheria (including Membranous Croup)	39	..	..	..	3	..	..	..	..	..	10	1	13	1	..	..	..	..	..	1	26
Erysipelas ..	4	1	3	21	4	..	..	1	..	5	..	..	..	..	..	..	10	1	12	1	..
Scarlet Fever	29	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Typhus Fever	..	..	..	..	2	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Enteric Fever	5	..	..	..	..	3	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Relapsing Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Continued Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Puerperal Fever	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Plague ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Totals ..	77	1	10	43	13	10	0	17	3	30	10	15	2	0	1	1	10	1	12	1	26

Isolation Hospital	Name and Situation.	Sisters' Hospital.	Total Available Beds 30.	No. of Diseases that can be concurrently treated } 1.
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TABLE IV.—Causes of, and Ages at, Death during Year 1908.

CAUSES OF DEATH.	Deaths at the subjoined ages of "Residents" whether occurring in or beyond the District.						Deaths at all ages of "Residents" belonging to Localities, whether occurring in or beyond the District.						TotalDeaths whether of Residents or Non-Residents in Public Institutions in the District.		
	All ages.	Under 1 year	1 & under 5.	5 & under 15	15 & under 25	25 & under 65	65 & upwards	Harpenden Rural.	Redbourn.	St. Michaels Rural.	St. Peters Rural.	St. Stephens		Sandridge Rural.	Wheatthampstead.
Small Pox ...	4	...	3	...	...	1	...	...	...	...	2	...	2	...	...
Measles ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Scarlet Fever ...	5	2	3	...	...	...	...	...	2	...	1	1	1	...	...
Whooping-cough ...	6	...	3	3	...	...	...	...	1	...	4	...	...	...	...
Diphtheria and Membranous Croup	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Croup ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Fever { Typhus	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Enteric...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Other continued	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Epidemic Influenza ...	9	1	1	...	1	3	3	1	2	...	...	...	5	1	9
Cholera ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Plague ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Diarrhoea ...	2	2	...	...	...	...	...	...	...	...	1	...	1	...	...
Enteritis ...	5	3	...	...	1	1	...	...	...	...	1	...	...	3	...
Puerperal Fever ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Erysipelas ...	1	1	...	...	...	...	...	...	...	...	...	...	...	...	...
Phthisis (Pulmonary Tuberculosis)	13	...	...	1	...	12	...	...	4	...	7	...	...	2	13
Other Tuberculous Diseases ..	7	4	1	...	1	1	...	...	1	...	5	...	1	...	5
Cancer, Malignant disease ...	12	...	2	...	...	7	5	1	3	...	3	2	2	1	7
Bronchitis ...	14	2	2	...	...	3	7	...	...	...	5	5	1	3	4
Pneumonia ...	2	2	...	...	...	...	...	...	1	...	...	...	...	1	7
Pleurisy ...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1
Other Diseases of Respiratory Organs	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Alcoholism—Cirrhosis of Liver	...	...	...	...	...	...	...	...	...	...	...	...	...	...	2
Venereal Diseases ...	2	1	...	...	...	1	...	...	...	...	1	...	...	1	...
Premature Birth ...	12	12	...	...	...	...	...	...	1	...	5	3	1	...	...
Diseases and Accidents of Parturition	1	...	...	...	...	1	...	...	...	2	1	...	...	...	...
Heart Diseases ..	19	2	...	...	...	8	9	1	4	...	6	2	2	4	9
Accidents ...	2	...	1	...	...	...	1	...	...	...	2	...	...	...	1
Suicides ..	2	...	...	...	1	...	1	...	1	...	1	...	...	...	1
All other causes ...	70	11	3	...	3	16	37	3	11	2	20	9	9	16	83
All causes ...	188	43	17	4	7	54	63	6	31	4	66	22	26	33	143

TABLE V.—Infantile Mortality during the Year 1908.

CAUSE OF DEATH.		Under 1 week.	1-2 Weeks.	2-3 Weeks.	3-4 Weeks.	Total under 1 Month.	1-2 Months.	2-3 Months.	3-4 Months.	4-5 Months.	5-6 Months.	6-7 Months.	7-8 Months.	8-9 Months.	9-10 Months.	10-11 Months.	11-12 Months.	Total Deaths under 1 year.
All Causes.	Certified ...	5	6	3	2	16	4	2	4	4	0	3	0	3	1	2	1	40
	Uncertified ...	2	..	..	..	2	..	..	..	..	..	..	1	..	..	..	..	3
Common Infectious Diseases.	Small Pox ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0
	Chicken Pox ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0
	Measles ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0
	Scarlet Fever ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0
	Diphtheria (including Membranous Croup) ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0
Diarrhoeal Diseases.	Whooping Cough ...	..	..	..	..	..	..	..	1	..	..	..	..	..	..	1	..	2
	Diarrhoea, all form ...	..	..	..	..	..	..	..	2	..	..	..	..	..	..	..	..	2
	Enteritis, Muco-enteritis, Gastro-enteritis ...	..	..	..	..	..	..	..	..	..	..	1	..	2	..	..	..	3
	Gastritis, Gastro-intestinal Catarrh ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0
	Premature Birth ...	5	3	1	2	11	..	..	..	..	..	..	..	..	..	..	..	12
Wasting Diseases.	Congenital Defects ...	1	1	..	..	2	..	..	1	1	..	..	..	..	..	..	..	4
	Injury at Birth ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0
	Want of Breast-milk, Starvation ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0
	Atrophy, Debility, Marasmus ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1
	Tuberculous Meningitis... Tuberculous Peritonitis: Tubes Mesenterica ...	..	..	..	..	..	..	1	..	..	..	2	..	..	..	..	..	2
Tuberculous Diseases.	Other Tuberculous diseases	..	..	..	..	..	1	..	..	..	..	..	..	..	..	..	..	1
	Erysipelas ...	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
	Syphilis ...	..	..	..	..	..	1	1	..	..	..	..	..	..	..	..	..	1
	Rickets ...	..	..	..	..	..	..	..	..	1	..	..	..	..	..	..	..	1
	Meningitis (not Tuberculous)	..	..	..	..	..	..	..	..	..	..	..	..	..	..	1	..	1
Other Causes	Convulsions ...	..	..	1	..	1	..	..	..	..	..	..	..	..	..	..	..	1
	Bronchitis ...	..	..	1	..	1	..	..	..	1	..	..	..	1	..	..	..	3
	Laryngitis ...	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	0
	Pneumonia ...	..	..	..	..	..	..	..	..	..	..	..	1	..	1	..	..	3
	Suffocation, overlying Other Causes ...	1	2	..	..	..	1	..	..	..	..	..	..	..	..	1	..	0
		7	6	3	2	18	4	2	4	4	0	3	1	3	1	2	1	43

Births in the year—Legitimate—412, Illegitimate—11. Deaths in the Year of—Legitimate Infants—42, Illegitimate Infants—1. Population estimated to middle of 1898—14699. Deaths from all Causes at all Ages—188.

THE RURAL DISTRICT COUNCIL OF ST. ALBANS.

Summary of the Reports of the Inspector of Nuisances, for the Year ending December 31st, 1908.

Parish.	No. of Inspections and Re-Inspections.	Complaints received.	Preliminary Notices.	Statutory Notices.	Matters attended to and Nuisances abated under Public Health Act, 1875.												Samples of Water from Wells	
					Defective Drains.	Defective W.C.'s, E.C.'s, Privies or Cesspools.	Drainage provided to Houses	W.C.'s or E.C.'s provided in lieu of old Privies.	Flushing Cisterns provided to W.C.'s.	Offensive Accumulations	Nuisance from keeping Animals.	Offensive Pools, Ditches, etc.	Ashbins provided.	Houses Cleansed and Repaired.	Houses Disinfected.	Total		
Redbourn	416	9	17	1	1	26	1	20	...	...	...	1	34	12	12	107	...	
St. Peters Rural ...	923	16	37	...	17	21	4	3	...	2	1	2	3	26	25	104	5	
St. Stephens ...	140	1	2	...	1	1	1	...	...	...	...	2	...	8	8	21	...	
St. Michaels Rural	55	0	5	...	...	...	...	...	...	...	...	2	...	3	3	8	...	
Sandridge	312	4	4	1	2	18	1	5	3	2	...	1	2	13	13	60	...	
Wheathampstead ...	304	7	3	...	2	2	...	1	...	...	...	...	...	1	1	7	...	
Harpenden Rural ...	52	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Total	2192	37	68	2	23	68	7	29	3	4	1	8	39	63	62	307	5	

(Signed), R. BLAIR MACARA,
Inspector of Nuisances.

Summary of Work done through the Sanitary Inspector in the Rural Sanitary District of St. Albans, during the Year ending December 31st, 1908.

			Total No. for Year.	Result of Inspection, etc.
NUISANCES :—				
1	Complaints received	...	37	
2	Nuisances detected without complaint	...	68	
3	Nuisances abated	...	63	
4	Notices served	...	70	
5	Summonses taken out	...	0	
6	Convictions	...	0	
INSPECTIONS :—				
7	Cottages inspected	...	215	
8	Lodging-houses inspected	...	0	
9	Slaughter-houses inspected	...	9	
10	Bakehouses inspected	...	21	
11	Dairies and Milk Shops inspected	...	4	
12	Cowsheds inspected	...	41	
13	Workshops inspected	...	71	
IMPROVEMENTS EFFECTED :—				
I. HOUSES :—				
14	Filthy houses cleansed, sec. 46 Public Health Act, 1875	...	1	
15	Houses disinfected	...	62	
15B	Compensation paid for destruction of infected bedding...	...	0	
16	Overcrowding abated	...	0	
17	Houses placed in habitable repair	...	0	
18	Houses closed	...	0	
II. WATER :—				
19	Houses erected or rebuilt for which Water "Certificates" were applied	...	0	
20	"Certificates" granted	...	0	
21	„ deferred	...	0	
22	Wells sunk or improved supplies of water afforded	...	1	
23	Wells cleansed or repaired	...	9	
24	Wells closed	...	0	
III. SEWERS :—				
25	Houses connected with water mains	...	5	
26	Cisterns cleansed, repaired, or covered	...	0	
27	Samples of water taken for analysis	...	0	
28	Houses connected with sewers	...	0	
29	Earth, pail, or improved privies constructed or existing privies altered	...	60	
30	Privies and W.C.'s repaired; W.C.'s supplied with water	...	3	
IV. FOOD :—				
31	Seizure of unsound Meat, &c.	...	0	
V. VARIOUS :—				
32	Animals improperly kept removed	...	1	

(Signed),

R. BLAIR MACARA,

Inspector of Nuisances.

